

Assembly and Operation of the



ULTRASONIC INTRUSION ALARM MODEL GD-39



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Warranty	Inside front cover
Customer Service	Inside rear cover

RECEIVER

LF AMP

LF DET

SCHMITT #1

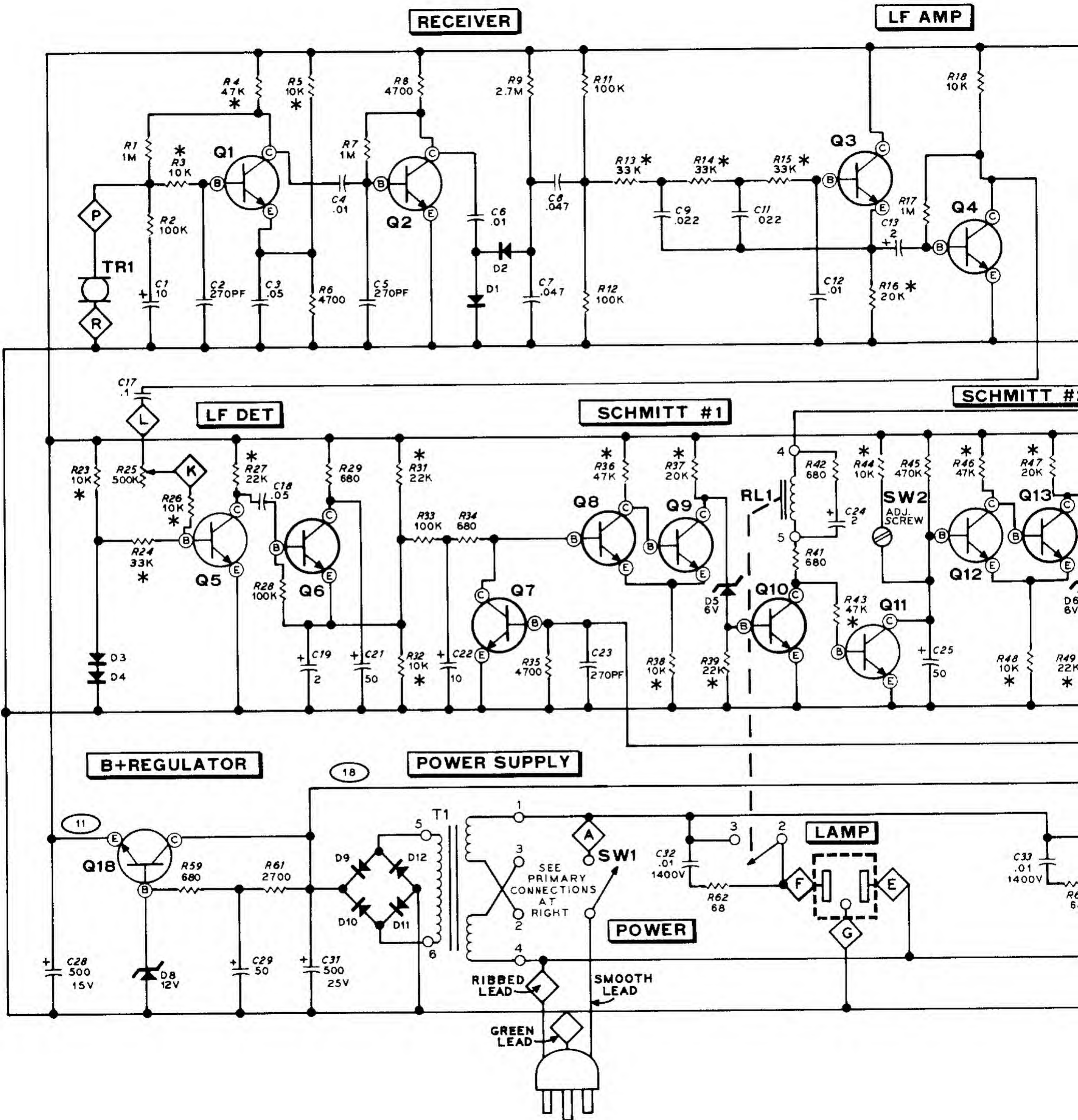
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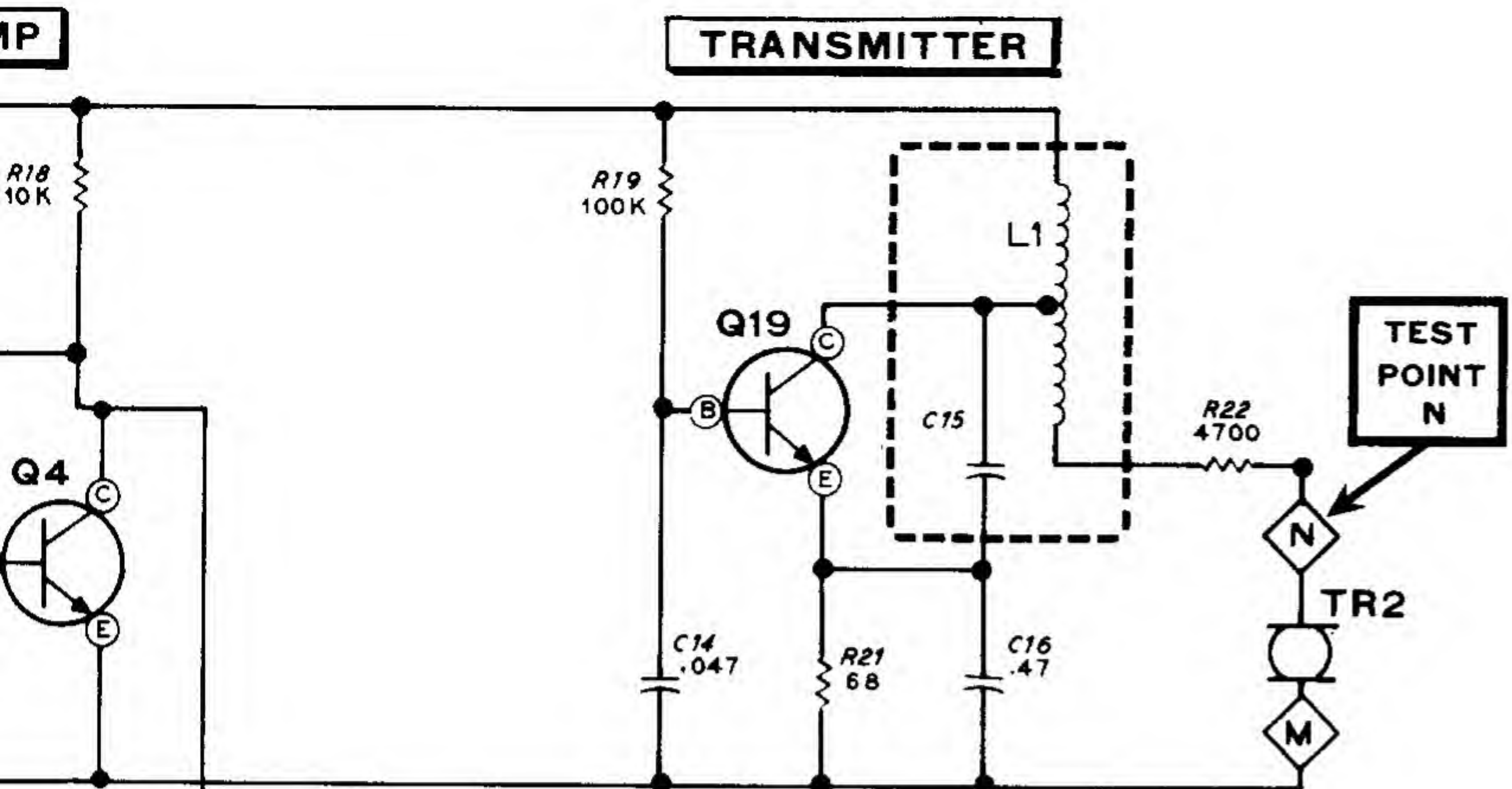
B+REGULATOR

POWER SUPPLY

LAMP

POWER





SCHEMATIC OF THE HEATHKIT® MODEL GD-39 ULTRASONIC INTRUSION ALARM

NOTES:

1. ALL RESISTORS ARE 1/2 WATT. RESISTOR VALUES ARE IN OHMS (K=1,000; M=1,000,000.) 5% TOLERANCE RESISTORS ARE MARKED WITH AN ASTERISK.
2. ALL CAPACITOR VALUES ARE IN μ F UNLESS OTHERWISE MARKED.
3. SYMBOLS:
 - * 5% TOLERANCE RESISTORS (4th BAND GOLD)
 - ◇ A CIRCUIT BOARD CONNECTION HOLE. A LETTER IN THE SQUARE IS THE LETTER PRINTED ON THE CIRCUIT BOARD.
 - TRANSDUCER.
 - A DC VOLTAGE OF THE SAME VALUE AS THE CONTAINED FIGURE.
 - AC SOCKET.
4. REFER TO THE TRANSISTOR AND DIODE IDENTIFICATION CHART FOR IDENTIFICATION INFORMATION OF THESE DEVICES.
5. REFER TO THE X-RAY VIEWS AND THE CHASSIS PHOTOGRAPHS FOR THE PHYSICAL LOCATION OF PARTS.
6. REFER TO THE VOLTAGE CHART FOR VOLTAGES AT TRANSISTOR BASES AND DIODE LEADS.

